

VIVIT TQA Webinar: "DISCOVER THE POSSIBILITIES OF USING THE HP QUALITY CENTER API" May 12th 2010

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Q&A

Number	Question	Answer
1	How do you guarantee only one connection to a project if you have multiple users testing? Wouldn't this cause a testing queue within the users?	You must implement a queue system for that. We had a lot of challenges before we got this right
2	Wouldn't it be a good standard practice to wrap the API in a web service	It is a good idea but the implementation is tricky. It will be very nice if HP could implement a web service as an alternative to the current COM based API
	Which track session does Assure have at the HP Software Universe in Washington?	We have two sessions: 1. Customer Track Session on Wed June 16th at 10:30 AM, title is "From Chaos to Governance". 2. Partner theater presentation on Wed June 16th at 1:00 PM focusing on Assure solutions and customizations.
	What is ASSure's booth number at the HPSU in Washington?	You can meet us at our booth #210.
5	Is it possible to share attachments between modules, say Test Lab and Defects?	Yes, it is possible to copy attachments from one entity to another by using the API.
6	Can we access other databases with QC db to attach reports via QC API?	You could implement a reporting system that brings data from QC and other systems. For the QC part of the implementation you could use the QC API
8	How would you create a customization project template without Premium Edition? I only have Enterprise.	If you're not using QC 10 Premier's Templates functionality, you can still base your projects on a Template. This approach means that the Template is just a project which acts as a baseline

		<p>for new projects. If you're not using Premier, there is no link between the Template and the Project, and it's up to you to make sure that the projects stay aligned with the Template.</p> <p>Customers have been successful in using this methodology, but they have had to enforce quite many restrictions to ensure that the projects are not customized independently.</p> <p>In Premier, there is a link between the Template and the Project, and QC makes sure your projects don't get misaligned. With Premier, you can easily push your customizations to all linked projects.</p>
9	How are you communicating with QC? Web Services?	Via the QC API
10	Do you have an example on how to develop these solutions?	You can find many examples on the HP support pages.
12	Is there a live demo included besides just the slides?	In the end part of the presentation we show some different real-life examples of customizations we've created by using the API.
13	Using QC API is it possible to look inside QTP codes. Is it possible to count lines of code in a Java based QTP Script?	Not with the QC API as far as I know - might be possible but will require investigation. QTP has an API as well - maybe this will work for you.
14	For solutions like the test set wizard, how did you transition the user into that custom functionality? A toolbar button within QC, a separate UI?	<p>Actually the users were asking for this functionality so the transition was not a problem.</p> <p>We implemented this as a separate UI - but it could be implemented so it is invoked from QC through a toolbar button</p>
15	In a Linux installation, are there any options to interact with QC? Web Services, any other API?	We created a solution where we wrapped the QC API in a web service, which can be accessed from any platform.

17	Will QC API work on a Linux installation?	No, only Windows.
18	Solution as Asset Sharing, Cross project customization and QC Synchronization are already available through QC Premier Edition. What was the reason to develop it over again? Is there any benefit in using your solution? Thanks!	We developed these solutions for customers when the features were not part of the core QC product yet.
19	The only one who can be doing this is the project admin?	Any QC user can use a program that is developed using the QC API
20	So you can only be in customization in order to do api?	You can use the API from the workflow / stand alone application and more. So the answer is no.
22	If you're not using requirements, can you still pull test cases?	Yes
23	Can we have a customization share using the template projects in each domain	With QC 10 Premier you can leverage the same Template workflow across projects and domains.
24	Is there an IDE for the QC API?	No. You can use e.g Microsoft Visual Studio. See also a tip: http://makingofsoftware.com/2010/quality-center-workflow-debugging
25	Can the Command object only be accessed through the TDCConnection object?	Yes.
26	Is there an example for importing excel-test cases into QC, which you could share?	HP provides the Excel Import tool as part of your QC installation. Find it from Add-Ins under Help. With this tool you can import Requirements, Tests and Defects from Excel to QC.
29	Can we generate new module using com object provided? I mean that can we create say a module A can be accessible as other modules like defect or requirement in qc ?	I believe you can, but it's not done by using the API.
30	Is QC API available for QC 10.00 Starter Edition?	Yes, it should be.

31	Will the API solutions work with Windows QC application server and UNIX database?	Yes, with any - it is server independent
32	What was statement at beginning referring to 'only works on Windows platforms'?	You can only access the QC API from a windows machine.
33	Could you please give a demo for initiating and where to start writing the code. It will be really helpful.	Take a look at HP's support site for basic examples to help you get started.
34	Can you use the QC API to only allow valid defect statuses based on the workflow settings for specific user groups? i.e. not have Closed status available to Developers because they can't close a defect.	Yes, it's possible to enforce this kind of policy. Although what you're trying to achieve could probably be implemented with QC's built-in Transition Rules functionality.
36	How do you distribute to the clients your external extensions that reside outside of workflow but are invoked through workflow.	There are several options. You could add it to the QC app server - (include it in QCs war file). Another option is to create an installable package for the users.
38	Is the ASSET sharing for QC 10 Enterprise edition?	The Asset Sharing we talk about in the presentation is a custom solution we made for a customer before Asset Sharing was included in QC 10. In QC 10 Asset Sharing is only available in the Premier edition.
41	How do you get the UI to appear in front of QC?	You call a method of your COM object from the QC workflow, this will show the UI you have developed.
42	When will QC 11.0 be released?	You should contact your HP representative.
44	Might I use the API to synchronize with a partners product like Digite?	We've integrated QC with a number of external systems. Some offer in-built QC integrations, which are plug-and-play. Some offer API's that you can use

		to integrate QC with - you can implement the QC side using the API
45	Which programming language do you primarily use for the features you demo'd? C, VB, .net?	Mostly C# .NET
46	Since the API is not thread safe, what precautions do we need to take while implementing any API level functions	Make sure your program does not have multiple connections to QC on the same time. This is applicable for a server based app you develop where multiple users access.